

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (currently amended): A ~~compound single crystal~~ substrate[[,]] comprising a compound single crystal having a surface, said surface having a basal plane portion and at least one polar plane portion, wherein said basal plane portion is of which is a nonpolar, face and said basal plane has a partial said at least one polar plane portion has surface having polarity (hereinafter referred to a partial polar surface), characterized in that said partial polar surface is a polar portion with and said at least one polar plane portion has a surface energy which is higher than a surface energy of said basal plane portion.

Claim 2 (currently amended): The ~~compound single crystal~~ substrate according to Claim 1, wherein said compound single crystal [[is]] comprises one of a group IV-IV compound, a group III-V compound, [[or]] and a group II-VI compound.

Claim 3 (currently amended): The ~~compound single crystal~~ substrate according to Claim 1, wherein said compound single crystal is cubic, said basal plane portion is (001) [[face]] plane, and said partial at least one polar surface plane portion is (111) [[face]] plane.

Claim 4 (currently amended): The ~~compound single crystal~~ substrate according to Claim 1, wherein said compound single crystal is hexagonal, said basal plane portion is one of (1,1, -2, 0) plane and [[or]] (1, -1,0,0) [[face]] plane, and said partial at least one polar surface plane portion is (0001) [[face]] plane.

Claim 5 (currently amended): The ~~compound single crystal~~ substrate according to Claim 1, wherein said compound single crystal comprises [[is]] cubic silicon carbide, said basal plane portion is (001) [[face]] plane, and said partial at least one polar surface plane portion is Si (111) [[face]] plane.

Claim 6 (currently amended): The compound single crystal substrate according to Claim 1, wherein said compound single crystal comprises [[is]] cubic gallium nitride, said basal plane portion is (001) [[face]] plane, and said partial at least one polar surface plane portion is Ga (111) [[face]] plane.

Claim 7 (currently amended): The compound single crystal substrate according to Claim 1, wherein said compound single crystal comprises [[is]] hexagonal silicon carbide, said basal plane portion is one of (1,1, -2,0) plane and [[or]] (1, -1,0,0) [[face]] plane and said partial at least one polar surface plane portion is Si (0001) [[face]] plane.

Claim 8 (currently amended): The compound single crystal substrate according to Claim 1, wherein said compound single crystal comprises [[is]] hexagonal gallium nitride, said basal plane portion is one of (1,1, -2,0) plane and [[or]] (1, -1,0,0) [[face]] plane, and said partial at least one polar surface plane portion is Ga (0001) [[face]] plane.

Claim 9 (canceled)

Claim 10 (currently amended): A laminate comprising a substrate according to Claim 1 having, on the basal plane of the compound single crystal substrate according to Claim 1, and a compound single crystal layer that is homogenous or heterogeneous with formed over said surface of said substrate, wherein characterized in that the single crystal constituting said compound single crystal layer has crystallinity and a spatial lattice that are homogeneous with [[those]] crystallinity and a spatial lattice of said substrate and has a nonpolar basal plane, and an area occupied by a partial surface having surface polarity in said nonpolar basal plane is 0.1 percent or less of the total area of the basal plane, said single crystal layer has a surface having a nonpolar basal plane portion and a polar plane portion, and said polar plane portion of said single crystal layer comprises 0.1 percent or less, including 0 percent, of a total surface area of said surface of said single crystal layer.

Claim 11 (canceled)

Claim 12 (new): The laminate according to Claim 10, wherein said single crystal layer is one of homogenous and heterogeneous with said substrate.

Claim 13 (new): A laminate comprising:

a substrate comprising a single crystal having a surface, said surface having a basal plane portion and at least one polar plane portion; and

at least one single crystal layer formed over said surface of said substrate,

wherein said basal plane portion is nonpolar, said at least one polar plane portion has polarity and said at least one polar plane portion has a surface energy which is higher than a surface energy of said basal plane portion.

Claim 14 (new): The laminate according to Claim 13, wherein said at least one single crystal layer has crystallinity and a spatial lattice that are homogeneous with crystallinity and a spatial lattice of said substrate.

Claim 15 (new): The laminate according to Claim 13, wherein said at least one single crystal layer has a surface having a nonpolar basal plane portion and a polar plane portion, and said polar plane portion of said at least one single crystal layer comprises 0.1 percent or less, including 0 percent, of a total surface area of said surface of said at least one single crystal layer.